

## Minnesota Pollution Control Agency

January 23, 1986

### PRELIMINARY ASSESSMENT EXECUTIVE SUMMARY

Temroc Metals, Inc.  
MND006481345

#### Situation

Temroc Metals has operated an aluminum fabrication plant since 1963 in Plymouth, Minnesota. The plant has two aluminum extrusion presses that produce 56,000 pounds of aluminum billets per day. The presses are positioned in floor pits to collect hydraulic oil drippings, leaks, and contact cooling water. From 1963 until 1974, the oil-laden water in the floor pits was carried by floor drains outside into a drainage ditch and then into a private swamp. Sometime before March, 1974 a storm sewer line was installed that connected the swamp to Parkers Lake. The Minnesota Pollution Control Agency (MPCA) staff detected oil in Parkers Lake and notified Temroc Metals on March 20, 1974. Temroc promptly sealed the floor pits and contracted with a waste oil service to periodically remove the oil drippings. Although only non-contact cooling water was allowed to exit through the floor drains, an oil film was still visible in the drainage ditch. Temroc repaired some leaks in the non-contact cooling water tubes and constructed a filter pit for oil collection where the floor drains emptied into the drainage ditch. During subsequent MPCA staff inspections, the oil absorption pads in the filter pit were not functioning properly, and an oil film was seen in the drainage ditch. This filter pit is apparently still in use at the plant.

There may be surface water and/or ground water contamination as a result of the oil-laden water discharged from the Temroc Metals plant. There are no known surface water intakes in the area. All of Plymouth's municipal wells and one of Minnetonka's wells are within three miles of the site, though they are over 400 feet deep. There may be some private wells within a three mile radius.

#### Inspection Priority Recommendation

The MPCA staff have conducted a Preliminary Assessment for Temroc Metals, Inc. (Site). As a result, the Agency staff believe that the Site represents a low potential hazard to the environment because there is a slight potential for drinking water contamination. In conclusion, the MPCA staff hereby recommend that the Site be assigned a low priority for inspection because the MPCA Water Quality Division staff periodically conduct compliance monitoring surveys at the plant.

Phone: \_\_\_\_\_

1935 West County Road B2, Roseville, Minnesota 55113-2785

Regional Offices • Duluth/Brainerd/Detroit Lakes/Marshall/Rochester

Equal Opportunity Employer

*No Contamination  
documented.*

*4/23/85*

*BA FILE: Temroc, Inc.*

*waste oil  
?? met*

US EPA RECORDS CENTER REGION 5



420522



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
MN D006481345

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Temroc Metals, Inc.		02 STREET-ROUTE NO. OR SPECIFIC LOCATION IDENTIFIER 2735 Cheshire Lane C			
03 CITY Plymouth	04 STATE MN	05 ZIP CODE 55447	06 COUNTY Hennepin	07 COUNTY CODE 053	08 CONG DIST 03
09 COORDINATES LATITUDE 45° 00' 36.0"		LONGITUDE 093 27' 30.0"		Osseo Quad 7.5'	

10 DIRECTIONS TO SITE (Starting from nearest public road)

From Minneapolis go west about 8 miles on State Highway 55 to Fernbrook Lane (just past Interstate Highway 494). Turn south and go about 3 blocks to 25th Avenue; go east 1 block to Cheshire Lane; go north 2 blocks to site.

III. RESPONSIBLE PARTIES

01 OWNER (if known) Carmon Goff		02 STREET (Business, mailing, residential) 2735 Cheshire Lane			
03 CITY Plymouth	04 STATE MN	05 ZIP CODE 55447	06 TELEPHONE NUMBER (612) 559-9191		
07 OPERATOR (if known and different from owner) Same as above		08 STREET (Business, mailing, residential)			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER		

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE ☐ B. FEDERAL

☐ F. OTHER

(Specify)

☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL

☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A. RCRA 3001 DATE RECEIVED \_\_\_\_\_  
MONTH DAY YEAR

☐ B. UNCONTROLLED WASTE SITE (RCRA 103(c)) DATE RECEIVED \_\_\_\_\_  
MONTH DAY YEAR

☒ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

☒ YES DATE 09/28/83  
MONTH DAY YEAR

☐ NO

BY (Check all that apply)

☐ A. EPA ☐ B. EPA CONTRACTOR ☒ C. STATE ☐ D. OTHER CONTRACTOR  
☐ E. LOCAL HEALTH OFFICIAL ☐ F. OTHER

(Specify)

CONTRACTOR NAME(S)

02 SITE STATUS (Check one)

☒ A. ACTIVE ☐ B. INACTIVE ☐ C. UNKNOWN

03 YEARS OF OPERATION

1963 present  
BEGINNING YEAR ENDING YEAR

☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

waste oil (toxic, persistent)

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

groundwater and surface water (population/environment)

V. PRIORITY ASSESSMENT

potential hazard: low

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Activities)

☐ A. HIGH

(Inspection required promptly)

☐ B. MEDIUM

(Inspection required)

☒ C. LOW

(Inspect on time available basis)

☐ D. NONE

(No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT Henry Lazniarz	02 OF (Agency/Organization) Minnesota Pollution Control Agency		03 TELEPHONE NUMBER (612) 296-7323	
04 PERSON RESPONSIBLE FOR ASSESSMENT Michael Connolly	05 AGENCY MPCA	06 ORGANIZATION Solid and Hazardous Waste	07 TELEPHONE NUMBER (612) 296-7745	08 DATE 01/06/86 MONTH DAY YEAR



I HIGHLY VOLATILE  
J EXPLOSIVE  
K REACTIVE  
L INCOMPATIBLE  
M NOT APPLICABLE

## EPA FORM 2070-12 (7-81)



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
MN D006481345

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED 35,000 (est)

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

All of the City of Plymouth's municipal wells and one of Minnetonka's wells are within 3 miles of the site. Depth of wells ranges from 409 feet to 505 feet.

01 ☒ B SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

Oil was detected in Parkers Lake in 1974. Since the company discharges 48,000 gallons per day to Parkers Lake, there is potential for contamination.

01 ☐ C CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ D FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ E DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

None known

01 ☒ F CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED < 1 A (est)  
(Acres)

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

Soil in area of filter pit and drainage ditch may be contaminated.

01 ☒ G DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED 35,000 (est)

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

see "A" above

01 ☐ H WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

none known

01 ☐ I POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

none known



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
MN D 006481345

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

none known

01 ☐ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

none known

01 ☐ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☒ ALLEGED

none known

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES  
(Soils runoff/standing liquids/leaking drums)  
03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

oil wastes in filter pit may have been carried to Parkers Lake with cooling water or percolated through soil into groundwater.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

none known

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

none known

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☒ ALLEGED

none known

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

The company is permitted to discharge 48,000 gallons per day of noncontact cooling water to a swamp which is connected to Parkers Lake. The water is discharged to a ditch which leads to a swamp and eventually Parkers Lake. A slight oil sheen was observed in the ditch during a September 28, 1983 inspection.

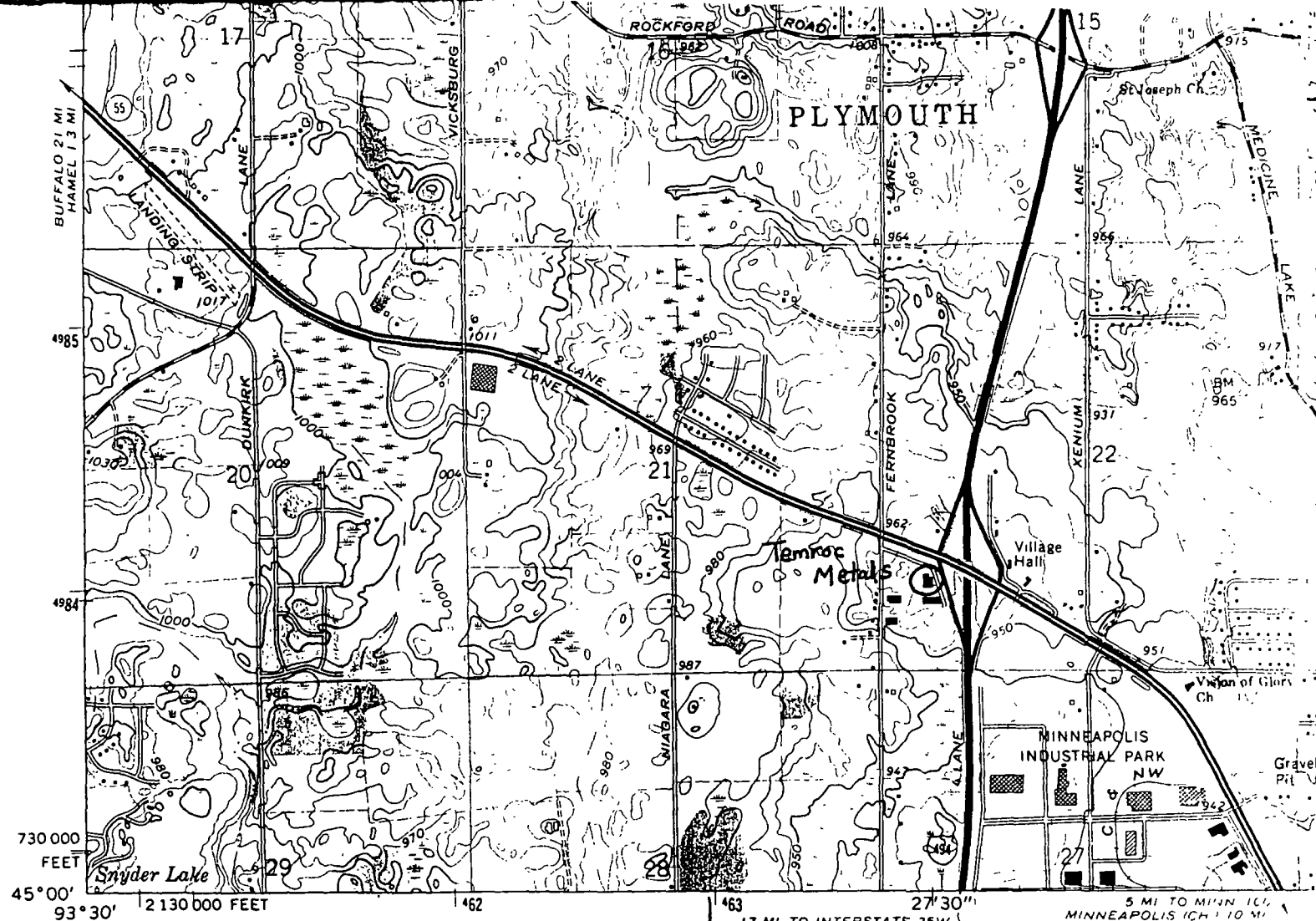
III. TOTAL POPULATION POTENTIALLY AFFECTED: 35,000 (est)

IV. COMMENTS

Temroc Metals extrudes and fabricates aluminum products.

V. SOURCES OF INFORMATION (Can specify references, e.g. State files, sample analyses, reports)

MPCA files



(EXCELSIOR)  
7273 1 NE

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1947. Field checked 1955. Revised 1967

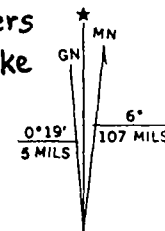
Depth curves compiled from charts furnished by Minnesota Department of Conservation

Polyconic projection. 1927 North American datum  
10,000-foot grid based on Minnesota coordinate system, south zone  
1000-meter Universal Transverse Mercator grid ticks, zone 15, shown in blue

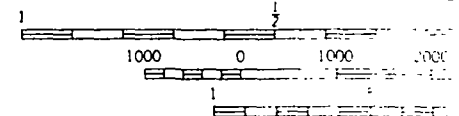
Red tint indicates areas in which only landmark buildings are shown

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

Parker's  
Lake



UTM GRID AND 1967 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET



CONTOUR  
DATUM

THIS MAP COMPLIES WITH  
FOR SALE BY U.S. GEOLOGICAL SURVEY, (C)  
A FOLDER DESCRIBING TOPOGRAPHY